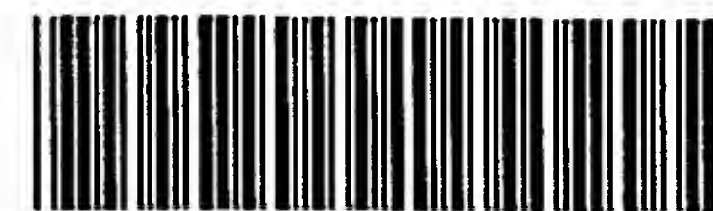


RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/586,125
Source: IFWP
Date Processed by STIC: 7/26/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,125

TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

3 <110> APPLICANT: Lye, Stephen
 4 Dong, Xuesen
 6 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING A STEROID RECEPTOR
 8 <130> FILE REFERENCE: MTS6USA
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/586,125
 C--> 11 <141> CURRENT FILING DATE: 2006-07-14
 13 <150> PRIOR APPLICATION NUMBER: 60/536,598
 14 <151> PRIOR FILING DATE: 2004-01-15
 16 <160> NUMBER OF SEQ ID NOS: 22
 18 <170> SOFTWARE: PatentIn version 3.3
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 707
 22 <212> TYPE: PRT
 23 <213> ORGANISM: Homo sapiens
 25 <300> PUBLICATION INFORMATION:
 26 <308> DATABASE ACCESSION NO: P23246
 27 <309> DATABASE ENTRY DATE: 2004-06-15
 28 <313> RELEVANT RESIDUES: (1)..(707)
 30 <300> PUBLICATION INFORMATION:
 31 <308> DATABASE ACCESSION NO: CAA50283
 32 <309> DATABASE ENTRY DATE: 1993-11-22
 33 <313> RELEVANT RESIDUES: (1)..(707)
 35 <300> PUBLICATION INFORMATION:
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 37 <309> DATABASE ENTRY DATE: 2004-10-28
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 40 <400> SEQUENCE: 1
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 47 20 25 30
 50 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
 51 35 40 45
 54 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
 55 50 55 60
 58 Pro His Gln Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
 59 65 70 75 80
 62 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
 63 85 90 95
 66 Gln Gln Pro Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
 67 100 105 110
 70 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Ala Pro Pro Ala Ser
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RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,125

TIME: 14:27:59

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78 Ser Gly Pro Gly Pro Thr Pro Thr Pro Pro Pro Ala Val Thr Ser Ala
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82 Pro Pro Gly Ala Pro Pro Pro Thr Pro Pro Ser Ser Gly Val Pro Thr
83      165      170      175
86 Thr Pro Pro Gln Ala Gly Gly Pro Pro Pro Pro Ala Ala Val Pro
87      180      185      190
90 Gly Pro Gly Pro Gly Pro Lys Gln Gly Pro Gly Pro Gly Gly Pro Lys
91      195      200      205
94 Gly Gly Lys Met Pro Gly Gly Pro Lys Pro Gly Gly Gly Pro Gly Leu
95      210      215      220
98 Ser Thr Pro Gly Gly His Pro Lys Pro Pro His Arg Gly Gly Gly Glu
99 225      230      235      240
102 Pro Arg Gly Gly Arg Gln His His Pro Pro Tyr His Gln Gln His His
103      245      250      255
106 Gln Gly Pro Pro Pro Gly Gly Pro Gly Gly Arg Ser Glu Glu Lys Ile
107      260      265      270
110 Ser Asp Ser Glu Gly Phe Lys Ala Asn Leu Ser Leu Leu Arg Arg Pro
111      275      280      285
114 Gly Glu Lys Thr Tyr Thr Gln Arg Cys Arg Leu Phe Val Gly Asn Leu
115      290      295      300
118 Pro Ala Asp Ile Thr Glu Asp Glu Phe Lys Arg Leu Phe Ala Lys Tyr
119 305      310      315      320
122 Gly Glu Pro Gly Glu Val Phe Ile Asn Lys Gly Lys Gly Phe Gly Phe
123      325      330      335
126 Ile Lys Leu Glu Ser Arg Ala Leu Ala Glu Ile Ala Lys Ala Glu Leu
127      340      345      350
130 Asp Asp Thr Pro Met Arg Gly Arg Gln Leu Arg Val Arg Phe Ala Thr
131      355      360      365
134 His Ala Ala Ala Leu Ser Val Arg Asn Leu Ser Pro Tyr Val Ser Asn
135      370      375      380
138 Glu Leu Leu Glu Glu Ala Phe Ser Gln Phe Gly Pro Ile Glu Arg Ala
139 385      390      395      400
142 Val Val Ile Val Asp Asp Arg Gly Arg Ser Thr Gly Lys Gly Ile Val
143      405      410      415
146 Glu Phe Ala Ser Lys Pro Ala Ala Arg Lys Ala Phe Glu Arg Cys Ser
147      420      425      430
150 Glu Gly Val Phe Leu Leu Thr Thr Thr Pro Arg Pro Val Ile Val Glu
151      435      440      445
154 Pro Leu Glu Gln Leu Asp Asp Glu Asp Gly Leu Pro Glu Lys Leu Ala
155      450      455      460
158 Gln Lys Asn Pro Met Tyr Gln Lys Glu Arg Glu Thr Pro Pro Arg Phe
159 465      470      475      480
162 Ala Gln His Gly Thr Phe Glu Tyr Glu Tyr Ser Gln Arg Trp Lys Ser
163      485      490      495
166 Leu Asp Glu Met Glu Lys Gln Gln Arg Glu Gln Val Glu Lys Asn Met
167      500      505      510
170 Lys Asp Ala Lys Asp Lys Leu Glu Ser Glu Met Glu Asp Ala Tyr His

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006

TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

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175          530          535          540
178 Glu Leu Arg Arg Met Glu Glu Leu His Asn Gln Glu Met Gln Lys Arg
179 545          550          555          560
182 Lys Glu Met Gln Leu Arg Gln Glu Glu Glu Arg Arg Arg Arg Glu Glu
183          565          570          575
186 Glu Met Met Ile Arg Gln Arg Glu Met Glu Glu Gln Met Arg Arg Gln
187          580          585          590
190 Arg Glu Glu Ser Tyr Ser Arg Met Gly Tyr Met Asp Pro Arg Glu Arg
191          595          600          605
194 Asp Met Arg Met Gly Gly Gly Gly Ala Met Asn Met Gly Asp Pro Tyr
195          610          615          620
198 Gly Ser Gly Gly Gln Lys Phe Pro Pro Leu Gly Gly Gly Gly Gly Ile
199 625          630          635          640
202 Gly Tyr Glu Ala Asn Pro Gly Val Pro Pro Ala Thr Met Ser Gly Ser
203          645          650          655
206 Met Met Gly Ser Asp Met Arg Thr Glu Arg Phe Gly Gln Gly Gly Ala
207          660          665          670
210 Gly Pro Val Gly Gly Gln Gly Pro Arg Gly Met Gly Pro Gly Thr Pro
211          675          680          685
214 Ala Gly Tyr Gly Arg Gly Arg Glu Glu Tyr Glu Gly Pro Asn Lys Lys
215          690          695          700
218 Pro Arg Phe
219 705
222 <210> SEQ ID NO: 2
223 <211> LENGTH: 707
224 <212> TYPE: PRT
225 <213> ORGANISM: Homo sapiens
227 <300> PUBLICATION INFORMATION:
228 <308> DATABASE ACCESSION NO: AAH51192
229 <309> DATABASE ENTRY DATE: 2004-06-30
230 <313> RELEVANT RESIDUES: (1)..(707)
232 <400> SEQUENCE: 2
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238 His Arg Arg Gly Gly Gly Gly Gly Arg Gly Gly Leu His Asp Phe Arg
239          20          25          30
242 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
243          35          40          45
246 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
247          50          55          60
250 Pro His Gln Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
251 65          70          75          80
254 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
255          85          90          95
258 Gln Gln Pro Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
259          100          105          110
262 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Thr Pro Pro Ala Ser

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RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,125

TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

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267		130					135					140					
270	Ser	Gly	Pro	Gly	Pro	Thr	Pro	Thr	Pro	Pro	Pro	Ala	Val	Thr	Ser	Ala	
271	145					150					155					160	
274	Pro	Pro	Gly	Ala	Pro	Pro	Pro	Thr	Pro	Pro	Ser	Ser	Gly	Val	Pro	Thr	
275				165					170						175		
278	Thr	Pro	Pro	Gln	Ala	Gly	Gly	Pro	Pro	Pro	Pro	Pro	Ala	Ala	Val	Pro	
279				180					185						190		
282	Gly	Pro	Gly	Pro	Gly	Pro	Lys	Gln	Gly	Pro	Gly	Pro	Gly	Gly	Pro	Lys	
283			195					200					205				
286	Gly	Gly	Lys	Met	Pro	Gly	Gly	Pro	Lys	Pro	Gly	Gly	Gly	Pro	Gly	Leu	
287		210					215						220				
290	Ser	Thr	Pro	Gly	Gly	His	Pro	Lys	Pro	Pro	Arg	Arg	Gly	Gly	Gly	Glu	
291	225					230					235					240	
294	Pro	Arg	Gly	Gly	Arg	Gln	His	His	Pro	Pro	Tyr	His	Gln	Gln	His	His	
295				245						250					255		
298	Gln	Gly	Pro	Pro	Pro	Gly	Gly	Pro	Gly	Gly	Arg	Ser	Glu	Glu	Lys	Ile	
299				260					265						270		
302	Ser	Asp	Ser	Glu	Gly	Phe	Lys	Ala	Asn	Leu	Ser	Leu	Leu	Arg	Arg	Pro	
303			275					280					285				
306	Gly	Glu	Lys	Thr	Tyr	Thr	Gln	Arg	Cys	Arg	Leu	Phe	Val	Gly	Asn	Leu	
307		290					295					300					
310	Pro	Ala	Asp	Ile	Thr	Glu	Asp	Glu	Phe	Lys	Arg	Leu	Phe	Ala	Lys	Tyr	
311	305					310					315					320	
314	Gly	Glu	Pro	Gly	Glu	Val	Phe	Ile	Asn	Lys	Gly	Lys	Gly	Phe	Gly	Phe	
315				325						330					335		
318	Ile	Lys	Leu	Glu	Ser	Arg	Ala	Leu	Ala	Glu	Ile	Ala	Lys	Ala	Glu	Leu	
319				340					345					350			
322	Asp	Asp	Thr	Pro	Met	Arg	Gly	Arg	Gln	Leu	Arg	Val	Arg	Phe	Ala	Thr	
323			355					360					365				
326	His	Ala	Ala	Ala	Leu	Ser	Val	Arg	Asn	Leu	Ser	Pro	Tyr	Val	Ser	Asn	
327		370					375					380					
330	Glu	Leu	Leu	Glu	Glu	Ala	Phe	Ser	Gln	Phe	Gly	Pro	Ile	Glu	Arg	Ala	
331	385					390					395					400	
334	Val	Val	Ile	Val	Asp	Asp	Arg	Gly	Arg	Ser	Thr	Gly	Lys	Gly	Ile	Val	
335				405					410						415		
338	Glu	Phe	Ala	Ser	Lys	Pro	Ala	Ala	Arg	Lys	Ala	Phe	Glu	Arg	Cys	Ser	
339				420					425					430			
342	Glu	Gly	Val	Phe	Leu	Leu	Thr	Thr	Thr	Pro	Arg	Pro	Val	Ile	Val	Glu	
343			435					440					445				
346	Pro	Leu	Glu	Gln	Leu	Asp	Asp	Glu	Asp	Gly	Leu	Pro	Glu	Lys	Leu	Ala	
347		450					455						460				
350	Gln	Lys	Asn	Pro	Met	Tyr	Gln	Lys	Glu	Arg	Glu	Thr	Pro	Thr	Arg	Phe	
351	465					470					475					480	
354	Ala	Gln	His	Gly	Thr	Phe	Glu	Tyr	Glu	Tyr	Ser	Gln	Arg	Trp	Lys	Ser	
355				485							490				495		
358	Leu	Asp	Glu	Met	Glu	Lys	Gln	Gln	Arg	Glu	Gln	Val	Glu	Lys	Asn	Met	
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RAW SEQUENCE LISTING

DATE: 07/26/2006

PATENT APPLICATION: US/10/586,125

TIME: 14:27:59

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

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367      530      535      540
370 Glu Leu Arg Arg Met Glu Glu Leu His Asn Gln Glu Met Gln Lys Arg
371 545      550      555      560
374 Lys Glu Met Gln Leu Arg Gln Glu Glu Glu Arg Arg Arg Arg Glu Glu
375      565      570      575
378 Glu Met Met Ile Arg Gln Arg Glu Met Glu Asp Gln Met Arg Arg Gln
379      580      585      590
382 Arg Glu Glu Ser Tyr Ser Arg Met Gly Tyr Met Asp Pro Arg Glu Arg
383      595      600      605
386 Asp Met Arg Met Gly Gly Gly Gly Ala Met Asn Met Gly Asp Pro Tyr
387      610      615      620
390 Gly Ser Gly Gly Gln Lys Phe Pro Pro Leu Gly Gly Gly Gly Gly Ile
391 625      630      635      640
394 Gly Tyr Glu Ala Asn Pro Gly Val Pro Pro Ala Thr Met Ser Gly Ser
395      645      650      655
398 Met Met Gly Ser Asp Met Arg Thr Glu Arg Phe Gly Gln Gly Gly Ala
399      660      665      670
402 Gly Pro Val Gly Gly Gln Gly Pro Arg Gly Met Gly Pro Gly Thr Pro
403      675      680      685
406 Ala Gly Tyr Gly Arg Gly Arg Glu Glu Tyr Glu Gly Pro Asn Lys Lys
407      690      695      700
410 Pro Arg Phe
411 705
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415 <211> LENGTH: 669
416 <212> TYPE: PRT
417 <213> ORGANISM: Homo sapiens
419 <400> SEQUENCE: 3
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425 His Arg Arg Gly Gly Gly Gly Gly Arg Gly Gly Leu His Asp Phe Arg
426      20      25      30
429 Ser Pro Pro Pro Gly Met Gly Leu Asn Gln Asn Arg Gly Pro Met Gly
430      35      40      45
433 Pro Gly Pro Gly Gln Ser Gly Pro Lys Pro Pro Ile Pro Pro Pro Pro
434      50      55      60
437 Pro His Gln Gln Gln Gln Gln Pro Pro Pro Gln Gln Pro Pro Pro Gln
438 65      70      75      80
441 Gln Pro Pro Pro His Gln Pro Pro Pro His Pro Gln Pro His Gln Gln
442      85      90      95
445 Gln Gln Pro Pro Pro Pro Pro Gln Asp Ser Ser Lys Pro Val Val Ala
446      100     105     110
449 Gln Gly Pro Gly Pro Ala Pro Gly Val Gly Ser Ala Pro Pro Ala Ser
450      115     120     125
453 Ser Ser Ala Pro Pro Ala Thr Pro Pro Thr Ser Gly Ala Pro Pro Gly
454      130     135     140

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/586,125

DATE: 07/26/2006

TIME: 14:28:00

Input Set : A:\MTS6USA seq list.txt

Output Set: N:\CRF4\07262006\J586125.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date